DT03 Rec'd PCT/PT0 0 7 JUL 2004

| FORM PTO-1390 (REV. 10-2003) | U.S. DEPARTMEN | OF COMMERCE PATE | NT AND TRADEMARK OFFICE | ATTORNEY 'S DOCKET NUMBER | | | | | | | |
|--|--|--|---|---|--|--|--|--|--|--|--|
| | NSMITTAL LET | 1715861 | | | | | | | | | |
| | ESIGNATED/EL | U.S. APPLICATION NO. (I'kpewn see TCFN 1.5 | | | | | | | | | |
| CO | ONCERNING A F | ILING UN | DER 35 U.S.C. 371 | 10,20000 | | | | | | | |
| INTERNAT PCT/JP0 | IONAL APPLICATION 3/00202 | | NATIONAL FILING DATE ry 14, 2003 | PRIORITY DATE CLAIMED January 11, 2002 | | | | | | | |
| TITLE OF I | NVENTION STAP | ER | | | | | | | | | |
| APPLICANT(S) FOR DO/EO/US ISHIZAKI, Kunio | | | | | | | | | | | |
| Applicant he | rewith submits to the Un | ted States Desig | nated/Elected Office (DO/EO/US | b) the following items and other information: | | | | | | | |
| 1. This | 1. This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. | | | | | | | | | | |
| 2. This | This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. | | | | | | | | | | |
| 3. This | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include | | | | | | | | | | |
| | items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). | | | | | | | | | | |
| | | | | | | | | | | | |
| a. | | | | | | | | | | | |
| b. | b. | | | | | | | | | | |
| c. | c. is not required, as the application was filed in the United States Receiving Office (RO/US). | | | | | | | | | | |
| 6. ✓ An H | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). | | | | | | | | | | |
| a. | . = | | | | | | | | | | |
| | b. has been previously submitted under 35 U.S.C. 154(d)(4). | | | | | | | | | | |
| _ | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) | | | | | | | | | | |
| | a. are attached hereto (required only if not communicated by the International Bureau). | | | | | | | | | | |
| c. | b. have been communicated by the International Bureau. c. have not been made; however, the time limit for making such amendments has NOT expired. | | | | | | | | | | |
| d. | | | | | | | | | | | |
| l — | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). | | | | | | | | | | |
| 9. √ An c | ✓ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). | | | | | | | | | | |
| 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | | | | | | | | | | |
| Items 11 | to 20 below concern do | ument(s) or inf | ormation included: | | | | | | | | |
| | Information Disclosure | • • • | | | | | | | | | |
| 12. 📝 Ar | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | | | | | | | | | |
| 13. 🗸 A | A preliminary amendment. | | | | | | | | | | |
| 14. 🗸 Ar | An Application Data Sheet under 37 CFR 1.76. | | | | | | | | | | |
| 15. A | A substitute specification. | | | | | | | | | | |
| 16. 🕢 A | A power of attorney and/or change of address letter. | | | | | | | | | | |
| 17. A | A computer-readable form of the sequence listing in accordance with PCT Rule 13 <i>ter</i> .2 and 37 CFR 1.821 - 1.825. | | | | | | | | | | |
| 18. A s | A second copy of the published international application under 35 U.S.C. 154(d)(4). | | | | | | | | | | |
| 19. 🗸 A | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). | | | | | | | | | | |
| 20. 🗸 Otl | ner items or information: | | ertificate Label No. EK 288 569 51 301,304,345 | 0 US | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

| U.S. APPLICATION NO (IF prio | ************************************** | ATTORNEY'S DOCKET NUMBER 1715861 | | | | | | | | |
|---|---|--|------------------------|---------|-------------------------|---------------|--|--|--|--|
| 21. ✓ The follow | ing fees are submitted: | | | CAI | LCULATIONS | PTO USE ONLY | | | | |
| _ | FEE (37 CFR 1.492 (| | | | | | | | | |
| Neither internation | al preliminary examin | | | | | | | | | |
| nor international se | earch fee (37 CFR 1.44 | 5(a)(2)) paid to USPTO | \$1080.00 | | | | | | | |
| International prelin USPTO but Interna | ninary examination fee ational Search Report p | e (37 CFR 1.482) not paid to prepared by the EPO or JPC | 9 \$920.00 | | | | | | | |
| International prelin | ninary examination fee earch fee (37 CFR 1.44 | | | | | | | | | |
| International prelin | ninary examination fee | | | | | | | | | |
| 1 | ot satisfy provisions of ninary examination fee | | | | | | | | | |
| and all claims satis | fied provisions of PCT | | - | | | | | | | |
| ENTE | R APPROPRIAT | E BASIC FEE AMO | UNT = | \$ 9 | 20.00 | i | | | | |
| Surcharge of \$130.0 from the earliest claim | 0 for furnishing the oa imed priority date (37 t | \$ | | | | | | | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ | | | | | | |
| Total claims | 12 - 20 = | 0 | x \$18.00 | \$ | | | | | | |
| Independent claims | 1 -3 = | 0 | x \$86.00 | \$ | | | | | | |
| MULTIPLE DEPEN | DENT CLAIM(S) (if a | applicable) | + \$290.00 | \$ | | | | | | |
| | TOTAL | OF ABOVE CALCU | LATIONS = | \$ | | | | | | |
| Applicant claim are reduced by | ns small entity status. S 1/2. | \$ | | | | | | | | |
| | | \$ | 920.00 | | | | | | | |
| Processing fee of \$1 from the earliest claim | 30.00 for furnishing thimed priority date (37) | \$ | | | | | | | | |
| | | TOTAL NATIO | NAL FEE = | \$ | 920.00 | | | | | |
| Fee for recording the accompanied by an | e enclosed assignment appropriate cover shee | \$ | 40.00 | | | | | | | |
| | | \$ | 960.00 | | | | | | | |
| | | TOTAL FEES E | | | ount to be refunded: | \$ | | | | |
| | | | | | charged: | \$ | | | | |
| a. A check in | the amount of \$ 96 | 0.00 to cover the | e above fees is enclos | e od | | - | | | | |
| - | | | | | | | | | | |
| b. Please char | ge my Deposit Accour | nt No in | the amount of \$ | | to cover th | e above fees. | | | | |
| A duplicate copy of this sheet is enclosed. | | | | | | | | | | |
| c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0305. A duplicate copy of this sheet is enclosed. | | | | | | | | | | |
| | - | card. WARNING: Inform | | | | edit card | | | | |
| | | ded on this form. Provide | | | | | | | | |
| NOTE: Where an | appropriate time lim | it under 37 CFR 1.495 has | s not been met a net | ition t | o revive (37 C | FR 1 127 (a) | | | | |
| | | ore the application to pend | | | VICING (37 C) | | | | | |
| SEND ALL CORRESPO | ONDENCE TO: | A | 8/1 | | | | | | | |
| Robert J. Schneider SIGNATU | | | | | RE | | | | | |
| Chapman and Cu | utler LLP | J. Schneider | | | | | | | | |
| | e Street, 16th Floor | | | | | | | | | |
| Chicago, Illinois Telephone: (312 | | | | | | | | | | |
| | , = .5 55.5 | | 27,383 REGISTR | ATION | NUMBER | | | | | |
| Ì | | | | | | | | | | |

EXPRESS MAIL CERTIFICATE DT04 Rec'd PCT/PTO 0 7 JUL 2004

Express Mail Label Number:

EK 288 569 510 US

Date of Express Mail Deposit:

July 7, 2004

Attorney Docket Number:

1715861

Based on Application:

PCT/JP03/00202

I hereby certify that the attached documents, including the above-referenced Patent Application (ISHIZAKI, inventor), with Transmittal Letter, application data sheet, check, declaration, assignment, preliminary amendment, and related PCT documents, together with this Express Mail Certificate, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and are addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Robert J. Schneider, Registration No. 27,383

July 7, 2004

Date of Signature